

9262 SERIES

DC/DC Single Output: 70 - 80 Watts



Features

- Designed for rail applications, electrical forklifts, and other electromotive applications where high voltages may occur
- Protected against reverse polarity
- Protected against input voltage transients - EN50082
- Input and output are electrically isolated
- CE marked
- Meets relevant immunity standards
- 24V, 24V, 72V and 110VDC input options
- High quality sturdy enclosure
- High peak capability

MODEL	Input V	Output V	Output A	Peak A
9262 - 24 / 12	24V	13.2V	6A	8A
9262 - 24 / 24	24V	24V	3A	4A
9262 - 48 / 12	48V	13.2V	6A	8A
9262 - 48 / 24	48V	24V	3A	4A
9262 - 72 / 12	72V	13.2V	6A	8A
9262 - 72 / 24	72V	24V	3A	4A
9262 - 80 / 12	110V	13.2V	6A	8A
9262 - 80 / 24	110V	24V	3A	4A

Specifications

INPUT VOLTAGE:	24VDC: (21~32) 48VDC (40~64) 72VDC: (60~96) 110VDC (72~110)
INPUT VOLTAGE: (1 sec. max.)	24VDC: (21~40) 48VDC (40~100) 72VDC: (60~120) 110VDC (72~160)
OUTPUT VOLTAGE:	Model dependent, refer to table
OUTPUT POWER:	81 watts continuous 110 watts intermittent
OUTPUT CURRENT:	Model dependent: refer to table
LOAD REGULATION:	Typically $\pm 5\%$
LINE REGULATION:	Typically $\pm 5\%$
SWITCH FREQUENCY:	Typically 50kHz
OPERATING TEMP:	-20°C to +50°C at rated load
DERATING:	Linearly derate from 50°C to 60°C
OUTPUT RIPPLE:	10mV rms
EFFICIENCY:	Model dependent: 80 - 85%
EMC EMISSIONS:	EN50081 - 1
EMC IMMUNITY:	EN50082 - 2
PROTECTION:	<ul style="list-style-type: none"> • Reverse input polarity, fuse in series with input • Transorb diode at input • Overload protection • Short circuit protection • Thermal protection
ISOLATION:	Input and output are electrically isolated from chassis and input is isolated from output at 1000VDC
TERMINALS:	Input and output: 6.3mm spade
DIMENSIONS:	135 x 119 x 46mm
WEIGHT:	0.6kg.